L Number	Hits	Search Text	DB	Time stamp
-	49	("4348759"	USPAT	2004/04/05
		"5323400"		13:56
		"4097797"		
		"5636225"		
		"5475815"		
		"5815512"		
		"5946247"		
		"4922441"		
		"6675329"		
		"4340857"		
		"6079040"		
		"6211711"		
		"6211711"		
		"6291981"		
		"6145105"		
		"6115827"		
		"5416784"		
		"5513190"		
		"5533032"		
	:	"6199182"		
		"6260165"		
		"6442721"		
		"6473476"		
		"6590412"		
		"6594789"		
		"4993027"		
		"5919270"		1
		"6331790"		
		"5299203"		
		"5408435"		
		"5706232"		
		"4912395"		
	i	"5696770"		
		"6080203"		
		"6286121"		
		"5748643"		
		"5764656"		
	1	"4030068"		
		"5509019"		
		"5515517"		
		"6035431"		
		"6275963"		
		"6587996"		
		"5689517"		
		"6032282"		
		"6249892"		
		"6249893"		
		"4833676"		
		"5212651"		
	1	"5357572").pn.		1

. 28 ("4348759" "5323400" "4097797" "5636225" "5475815" "5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6221981" "6145105" "6145827" "5416784"	
"4097797" "5636225" "5475815" "5815512" "5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6291981" "6145105" "6115827" "5416784"	
"5636225" "5475815" "5815512" "5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6291981" "6145105" "6145827" "5416784"	
"5475815" "5815512" "5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6291981" "6145105" "6145827" "5416784"	
"5815512" "5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6291981" "6145105" "6145827" "5416784"	
"5946247" "4922441" "6675329" "4340857" "6079040" "6211711" "6211711" "6291981" "6145105" "6145827" "5416784"	-
"4922441" "6675329" "4340857" "6079040" "6211711" "6211711" "6291981" "6145105" "6145827" "5416784"	
"6675329" "4340857" "6079040" "6211711" "6211711" "6291981" "6145105" "6115827" "5416784"	
"4340857" "6079040" "6211711" "6211711" "6291981" "6145105" "6115827" "5416784"	
"6079040" "6211711" "6211711" "6291981" "6145105" "6115827" "5416784"	
"6211711" "6211711" "6291981" "6145105" "6145827" "5416784"	
"6211711" "6291981" "6145105" "6115827" "5416784"	
"6291981" "6145105" "6115827" "5416784"	
"6145105" "6115827" "5416784"	
"6115827" "5416784"	,
"5416784"	
"5513190"	
"5533032"	
"6199182"	
"6260165"	
"6442721"	
"6473476"	
"6590412"	
"6594789"	
"4993027"	
"5919270"	
"6331790"	ļ
"5299203"	
"5408435"	
"5706232"	
"4912395"	
"5696770"	i
"6080203"	-
"6286121"	
"5748643"	
"5764656"	
"4030068"	
"5509019"	
"5515517"	
"6035431"	
"6275963"	
"6587996"	
"5689517"	
"6032282"	
"6249892"	
"6249893"	
"4833676"	
"5212651"	
"5357572").pn. and (test adj pattern)	

•	336	(test adj pattern adj generator).ti.	USPAT;	2004/04/05
			US-PGPUB;	13:52
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	618	(test adj pattern adj generator).ab.	USPAT;	2004/04/05
			US-PGPUB;	13:53
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1623	self\$1test.ab.	USPAT;	2004/04/05
			US-PGPUB;	10:54
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	27	((test adj pattern adj generator).ab.) and	USPAT;	2004/04/05
		self\$1test.ab.	US-PGPUB;	10:54
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
<u>-</u>	1539	test adj pattern adj generator	USPAT;	2004/04/05
		soot any pattorn any gonorator	US-PGPUB;	13:52
			EPO; JPO;	10.02
			DERWENT;	
			IBM_TDB	
	183	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/05
_	103	(delf adj test))	US-PGPUB;	
		(well auf test))	EPO; JPO;	15.55
			DERWENT;	
			IBM_TDB	
1 _	303	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/05
1 -	303	(self adj test))	US-PGPUB;	13:54
		(sell auj test))	EPO; JPO;	13.34
			DERWENT;	
			IBM_TDB	
_	171	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/05
-		(self adj test)) and scan	US-PGPUB;	13:54
		(veil auj test)) and stan	EPO; JPO;	10.07
			DERWENT;	
			IBM_TDB	
	70	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/05
-	"	(self adj test)) and scan and (decode	US-PGPUB;	13:56
		decoder decoding)	EPO; JPO;	13.30
		account accounty	DERWENT;	
			IBM_TDB	
	45	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/05
		(self adj test)) and scan and (decode	· ·	2004/04/05 13:58
			US-PGPUB;	13:30
		decoder decoding) and serial and parallel	EPO; JPO;	
			DERWENT;	
L	<u> </u>	<u> </u>	IBM_TDB	

	1295622	I ((test adj pattern adj generator) and (BIST	USPAT	2004/04/05
•	1293622	1	USPAI	13:56
		or (self adj test)) and scan and (decode		13:36
		decoder decoding) and serial and parallel)		
		and ("4348759"		
		"5323400"		
		"4097797"		
		"5636225"		
		"5475815"		
İ		"5815512"		
		"5946247"		
		"4922441"		
		"6675329"		
		"4340857"		
		"6079040"		
		"6211711"		
		"6211711"		
		"6291981"		
		"6145105"		
		"6115827"		
İ		"5416784"		
		"5513190"		
		"5533032"		
		"6199182"		
		"6260165"		
		"6442721"		
		"6473476"		
		"6590412"		
		"6594789"		-
		"4993027"		
		"5919270"		
		"6331790"		
		"5299203"		
		"5408435"		
		"5706232"		
		"4912395"		
		"5696770"		
		"6080203"		
		"6286121"		
		"5748643"	1	
		"5764656"		
		"4030068"		
		"5509019"		
		"5515517"		
		"6035431"		
		"6275963"		
		"6587996"		
		"5689517"		
		"6032282"		
		"6249892"		
		"6249893" "4933676"		
		"4833676" "5242554"		
		"5212651"		
		"5357572").pn.		
Cocch Wiel	E/AA/I	04 7:11:12 PM Page 4	t	

Search History 5/14/04 7:11:12 PM Page 4

	4	((test adj pattern adj generator) and (BIST	USPAT	2004/04/05
		or (self adj test)) and scan and (decode		13:57
		decoder decoding) and serial and parallel)		
		and ("4348759"		
		"5323400"		
		"4097797"		
	ì	"5636225"		
		"5475815"		
		"5815512"		
		"5946247"		
		"4922441"		
		"6675329"	1	
		"4340857"	1	
		"6079040"		
		"6211711"	1]
		"6211711"	1	
		"6291981"	1	
		"6145105"	1]
		"6115827"	1	1
		"5416784"		
		"5513190"	1	
		"5533032"	1	
		"6199182"	1]
		"6260165"		
		"6442721"		
		"6473476"	1	
		"6590412"		
		"6594789"		
		"4993027"	1	
		"5919270"		
		"6331790"	1	
		"5299203"		
		"5408435"	1	
		"5706232"		
		"4912395"	1	
		"5696770"		
		"6080203"	1	
		"6286121"		
		"5748643"	1	
		"5764656"		
		"4030068"		
		"5509019"		
		"5515517"		
		"6035431"	1	
1		"6275963"		
		"6587996"		
		"5689517"		
		"6032282"	ĺ	
		"6249892"		
		"6249893"		
		"4833676"		
		"5212651"	1]
		"5357572").pn.	1	
Sonrat U:-	10m1 E14 =1-	04 7:11:12 PM Page 5		<u> </u>
Jeartii Miš	LUIY 3/14/L	77 /, : 1, 14 FM FAUC J		

•	2282557	compare comparison compared comparing	USPAT; US-PGPUB;	2004/04/05 13:58
			EPO; JPO;	
			DERWENT; IBM_TDB	

	4	(((test adj pattern adj generator) and (BIST	USPAT;	2004/04/05
		or (self adj test)) and scan and (decode	US-PGPUB;	13:59
		decoder decoding) and serial and parallel)	EPO; JPO;	
		and ("4348759"	DERWENT;	
	ļ	"5323400"	IBM_TDB	
		"4097797"		
		"5636225"		
		"5475815"		
		"5815512"]	
		"5946247"		
		"4922441"		
		"6675329"		
		"4340857"		
		"6079040"		
		"6211711"		
		"6211711"		
	1	"6291981"		
		"6145105"		
		"6115827"		
		"5416784"		
		"5513190"		
		"5533032"		
		"6199182"		
		"6260165"		
		"6442721"		
		"6473476"		
		"6590412"		
		"6594789"		
		"4993027"		
		"5919270"		
	1	"6331790"		
	ļ	"5299203"		
	j	"5408435"		
		"5706232"		
		"4912395"		
		"5696770"		
		"6080203"		
		"6286121" "5749642"		
		"5748643" "5764656"		
		"4030068"		
		"5509019"		
		"5515517"		
		"6035431"		
		"6275963"		
		"6587996"		
		"5689517"		
		"6032282"		
		"6249892"		
		"6249893"		
		"4833676"		
		"5212651"		
		"5357572").pn.		
) and (test adi nattern adi generator) and		
Search History	5/14/0	4BIST 17 (SWIF AGGREST)) and scan and		
		(decode decoder decoding) and serial and		
1	ļ	,]	

- 4	(((test adj pattern adj generator) and (BIST or (self adj test)) and scan and (decode decoder decoding) and serial and parallel)	USPAT; US-PGPUB; EPO; JPO;	2004/04/06 16:32
	and ("4348759"	DERWENT;	
	"5323400"	IBM_TDB	
	"4097797"		
	"5636225"		
	"5475815"		
	"5815512"		
	"5946247"		
	"4922441"		
	"6675329"		
	"4340857"		
	"6079040"		
	"6211711"		
	"6211711"		
	"6291981"		
	"6145105"		
	"6115827"		
	"5416784"		
	"5513190"		
	"5533032"		
	"6199182"		
	"6260165 "		
	"6442721"		
	"6473476"		
	"6590412"		
	"6594789"		
	"4993027"		
	"5919270"		
	"6331790"		
	"5299203"		
	"5408435"	1	
	"5706232"		
	"4912395"		
	"5696770"		
	"6080203"		
	"6286121"		
	"5748643"		
	"5764656 "		
	"4030068"		
	"5509019"		
	"5515517"		
	"6035431"		
	"6275963"		
	"658 7996"		
	"5689517"		
	"6032282"		
	"6249892"		
	"6249893"		
	"4833676"		
	"5212651"		
	"5357572").pn.		
Search History 5/14/0) and (compare comparison compared 47:11:12 PM Page 8		
Search mistory 3/14/0	epublishing), _{នៃគិនិន}	L	L

•	9	("5535164" "5617531" "5619512"	USPAT	2004/04/12
		"5748640" "5825785" "5954824"		15:44
		"5963566" "5991898" "6003142").PN.		
•	41	(compare comparison compared comparing)	USPAT;	2004/04/06
		and (test adj pattern adj generator) and	US-PGPUB;	18:39
		(BIST or (self adj test)) and scan and	EPO; JPO;	
		(decode decoder decoding) and serial and	DERWENT;	
		parallel	IBM_TDB	
-	3	(compare comparison compared comparing)	USPAT;	2004/04/06
		and (test adj pattern adj generator) and	US-PGPUB;	19:36
		(BIST or (self adj test)) and scan and	EPO; JPO;	
		(decode decoder decoding) and	DERWENT;	
		(serial\$4parallel)	IBM_TDB	
-	692	(memory with test) and ((multiplex\$3	USPAT;	2004/04/06
		select\$3) same (latch flip\$1flop register))	US-PGPUB;	19:39
		and (pattern adj generator)	EPO; JPO;	
!			DERWENT;	
			IBM_TDB	
-	560	(memory with test) and ((multiplex\$3	USPAT;	2004/04/06
		select\$3) with (latch flip\$1flop register))	US-PGPUB;	19:39
		and (pattern adj generator)	EPO; JPO;	
			DERWENT;	
	,	·	IBM_TDB	
_	306	(memory with test) and ((multiplex\$3	USPAT;	2004/04/06
		select\$3) with (latch flip\$1flop register	US-PGPUB;	19:40
		scan)) and (pattern adj generator) and	EPO; JPO;	
		(latency delay)	DERWENT;	
			IBM_TDB	
	12	(memory with test) and ((multiplex\$3	USPAT;	2004/04/06
		select\$3) with (latch flip\$1flop register	US-PGPUB;	19:40
		scan)) and (pattern adj generator) and	EPO; JPO;	
		(latency delay) and (parallel\$1serial)	DERWENT;	
	1		IBM_TDB	
_	119	latency adj buffer	USPAT;	2004/04/07
			US-PGPUB;	10:27
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	2	"20030093735"	USPAT;	2004/04/09
			US-PGPUB;	12:19
			EPO; JPO;	12,110
			DERWENT;	
			IBM_TDB	
	4	("5377148" "5764657" "6061817"	USPAT	2004/04/16
		"6094738").pn.		15:36
_	0	(test adj pattern adj generator) and (BIST or	USPAT;	2004/04/12
		(self adj test)) and (latency adj buffer)	US-PGPUB;	15:51
		(and/) min (institute and matter)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	<u></u>	L		L

-	114	(test adj pattern adj generator) and (BIST or (self adj test)) and (latency or delay)	USPAT; US-PGPUB; EPO; JPO;	2004/04/16 07:53
-	10	(test adj pattern adj generator) and (BIST or (self adj test)) and ((latency or delay) with	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/04/16 12:48
-	19	buffer) background same command same decoder	EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/04/16
		same buffer	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:37
-	2	5794175.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/04/16 16:55
-	900	test adj pattern and BIST	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2004/04/18 15:18
-	15	(test adj pattern) and BIST and ((serial near2 parallel) with converter)	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/04/18 15:48
_	162	(test adj pattern) and BIST and (parallel	EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/04/18
		near2 serial)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	15:49
-	104	(test adj pattern) and BIST and (parallel near2 serial) and delay	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/04/18 15:50
-	70	(test adj pattern) and BIST and (parallel near2 serial) and delay	USPAT	2004/04/18 15:50
-	13453	(parallel near3 serial) with converter	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/05/07 13:22
-	1138	((parallel near3 serial) with converter) same (delay latency)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/07 13:23

-	29	(((parallel near3 serial) with converter) same (delay latency)) and ((self adj test) or BIST)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/05/07 13:24
			IBM_TDB	
-	10	(US-5748640-\$ or US-6311300-\$ or	USPAT	2004/05/14
		US-6415408-\$ or US-5794175-\$ or		13:15
		US-6587979-\$ or US-6631504-\$ or		
		US-6249893-\$ or US-5970073-\$ or		
		US-6662326-\$ or US-5617531-\$).did.		
•	10	((US-5748640-\$ or US-6311300-\$ or	USPAT;	2004/05/13
		US-6415408-\$ or US-5794175-\$ or	US-PGPUB;	13:31
		US-6587979-\$ or US-6631504-\$ or	EPO; JPO;	
		US-6249893-\$ or US-5970073-\$ or	DERWENT;	
		US-6662326-\$ or US-5617531-\$).did.) and (control controller)	IBM_TDB	
•	5	((US-5748640-\$ or US-6311300-\$ or	USPAT;	2004/05/14
	 	US-6415408-\$ or US-5794175-\$ or	US-PGPUB;	11:31
		US-6587979-\$ or US-6631504-\$ or	EPO; JPO;	
		US-6249893-\$ or US-5970073-\$ or	DERWENT;	
		US-6662326-\$ or US-5617531-\$).did.) and	IBM_TDB	
		((control controller) same (delay latency))		
-	3265	(parallel near3 serial).ti.	USPAT;	2004/05/14
			US-PGPUB;	11:32
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/05/44
•	196	(parallel near3 serial).ti. and multiplex\$.ab.	USPAT;	2004/05/14
			US-PGPUB; EPO; JPO;	11:32
			DERWENT;	
			IBM_TDB	
_	174	(parallel near2 serial).ti. and multiplex\$.ab.	USPAT;	2004/05/14
	"-	(paranol noar2 oorlar) and manipioxylas.	US-PGPUB;	11:33
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
-	18	(parallel near2 serial).ti. and multiplex\$.ab.	USPAT	2004/05/14
				11:33
-	41	(scan adj latch).ti.	USPAT;	2004/05/14
			US-PGPUB;	12:53
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
•	9	(scan adj latch).ti.	USPAT	2004/05/14 12:53
-	10	(US-5748640-\$ or US-6311300-\$ or	USPAT	2004/05/14
		US-6415408-\$ or US-5794175-\$ or		13:17
		US-6587979-\$ or US-6631504-\$ or		
		US-6249893-\$ or US-5970073-\$ or		
		US-6662326-\$ or US-5617531-\$).did. and		
		compar\$	l	

			T	
-	10	((US-5748640-\$ or US-6311300-\$ or	USPAT	2004/05/14
		US-6415408-\$ or US-5794175-\$ or		13:17
		US-6587979-\$ or US-6631504-\$ or		
		US-6249893-\$ or US-5970073-\$ or		
		US-6662326-\$ or US-5617531-\$).did.) and compar\$		
-	10	((US-5748640-\$ or US-6311300-\$ or	USPAT	2004/05/14
		US-6415408-\$ or US-5794175-\$ or		13:31
		US-6587979-\$ or US-6631504-\$ or		
		US-6249893-\$ or US-5970073-\$ or		
		US-6662326-\$ or US-5617531-\$).did. and		
		compar\$) and compar\$		
-	10200	exclusive with compar\$	USPAT;	2004/05/14
			US-PGPUB;	13:33
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	2087	(exclusive with compar\$).ab.	USPAT;	2004/05/14
•			US-PGPUB;	13:34
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1279	(exclusive with compar\$).clm.	USPAT;	2004/05/14
			US-PGPUB;	13:34
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	